

**CYCLE MODE PROVIDING REDUNDANT BACK-UP TO ENSURE  
TERMINATION OF TREATMENT THERAPY IN A MEDICAL DEVICE SYSTEM**

**ABSTRACT**

A medical device system having a redundant back-up mechanism to ensure that treatment therapy is turned off after a given time duration. Once the treatment therapy is initiated, a cycle ON timer is set. If the ON timer expires prior to receiving any instruction to turn off the treatment therapy, the device responsively turns off the treatment therapy, thereby ensuring that the treatment therapy is not delivered beyond that which is desired.